

(19) World Intellectual Property Organization  
International Bureau(43) International Publication Date  
18 September 2003 (18.09.2003)

PCT

(10) International Publication Number  
WO 03/077110 A2(51) International Patent Classification<sup>7</sup>: G06F 3/033, G06K 11/18

(21) International Application Number: PCT/NL03/00145

(22) International Filing Date: 26 February 2003 (26.02.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
1020161 13 March 2002 (13.03.2002) NL

(71) Applicant (for all designated States except US): WELBERGEN BEHEER B.V. [NL/NL]; Broekermeerdijk 39, NL-1151 CZ BROEK IN WATERLAND (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): WELBERGEN, Erwin [NL/NL]; Broekermeerdijk 39, NL-1151 CZ BROEK IN WATERLAND (NL).

(74) Agent: DE VRIES, Johannes, Hendrik, Fokke; DE VRIES &amp; METMAN, Overschiestraat 180, NL-1062 XK AMSTERDAM (NL).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

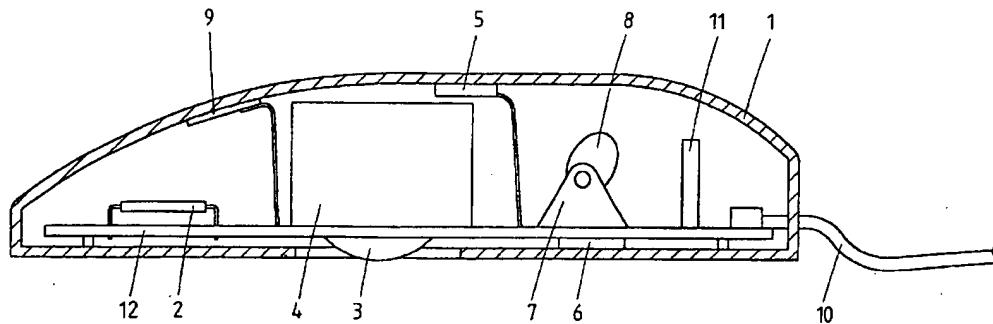
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM FOR PROVIDING AN INPUT SIGNAL, DEVICE FOR USE IN SUCH A SYSTEM AND COMPUTER INPUT DEVICE



WO 03/077110 A2

(57) Abstract: A system for providing an input signal, comprises an element (M,1) controllable by a user by means of interaction with a user's limb, which system comprises a sensor (5,6) capable of detecting the presence of a limb placed over at least part of the element (M,1), timing means (2) for determining the length of a time during which the limb is present and means (11,9,7,8) of generating an alarm signal if the length of time exceeds a threshold value. The alarm signal can be used to effect discontinuation of the presence of the limb.